Appl. No.: 10/716,864

Amdt. dated 8 November 2004

Reply to Office Action of 8 July 2004

Amendments to the Specification:

Please replace paragraph [0026] with the following amended paragraph:

[0026] FIG. 4 shows the image with the anamorphic lens included to reduce the

image size. FIGS. 5 and 6 show the image irradiance without the anamorphic lens.

The image is proportional in shape to source emitter. FIG. 5 includes the dove prism

array showing rotation of the image by 90 degrees; FIG. 6 results when the dove

prism array is removed. Light emitted from the laser diode bar is first collimated by

the microlens array into eleven collimated beamlets. Each beamlet is directed onto

the angled face of a micro-dove prism. The tilted face refracts the beamlet toward

the reflective face of the dove prism, which then reflects the beamlet toward the

second face of the dove prism. The second angled face bends the collimated beam

back into the original direction of travel from the microlens. The mirror face is parallel

to the optical axis (z-axis) but angled by 45 degrees in the x-y plane. The integrator

lens 60 combines all eleven beamlets (e.g. a beam combining lens) to a single

image of the emitter at image plane 80.

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